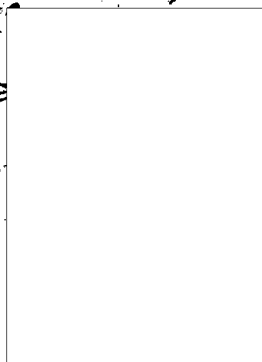


25X1



RED 9/4/5
R 9/7
MS 9/13

IAD/OSS - 248/65
3 September 1965

MEMORANDUM FOR: Chief, Support Staff, NPIC

ATTENTION : Chief, Logistics Branch, Support Staff

FROM : Chief, Imagery Analysis Division, CIA

SUBJECT : Justification for Rapid Interpretation Printer-Processor

1. For some time this Division has had a requirement for an unsophisticated system capable of rapidly copying selected areas of aerial reconnaissance film while it was being viewed on a light table. Potential uses for such a system are numerous, but include the following:

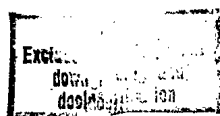
a. A P.I. performing a "search" could, upon locating an area that warranted detailed examination, copy the area and provide the copy to another P.I. for intensive study while the search function continued on the roll film.

b. During initial interpretation an analyst could reproduce selected areas of the roll film for the immediate use of other interpreters with different substantive responsibilities but concerned with the same target area; for example, the Missiles-Electronics Branch and the Atomic-Biological-Chemical Branch.

c. Certain film rolls are available to IAD analysts only temporarily and for short periods. This is often the case at overseas field stations and a rapid copy capability in such situations is considered of priority importance to the missions of the Imagery Analysis Division.

2. The performance of the copying function through the use of the "Diaz" process is particularly attractive for these reasons:

a. The entire operation, both exposure and processing, can take place at the light table without the interpreter or the film having to leave the light table.



SECRET

SUBJECT: Justification for Rapid Interpretation Printer-Processor

b. A high resolution dry copy of the original material is available for use in less than a minute.

c. No bulky or elaborate printing or processing equipment, with their attendant operating and maintenance problems, are required; nor are photographic chemicals or water necessary.

3. The Operations Support Staff, IAD in cooperation with the Plans & Development Staff, NPIC has investigated other potential copying techniques but found none which are similar. Since the process developed by the [] is proprietary, they are considered "sole source" for this equipment.

25X1
25X1

4. Preliminary evaluation of sample copies produced by the [] "Diazo" process indicates the potential advantages of this technique to support the detailed photographic interpretation process, and we anticipate the purchase of additional units after evaluation of the prototype device.

25X1

5. The [] have indicated in their proposal that delivery of the first unit will be nine weeks after receipt of the contract. Due to the importance we place upon the indicated capability of this reproduction system, and the urgency of the intelligence to be derived from photographic sources, it is requested that all possible actions be taken to expedite this development.

25X1

[] 25X1

Distribution:

Original - Addressee

- 1 - P&DS Attention []
- 2 - OSS/IAD

25X1

SECRET